

SUSAN JOHNSON [SUSAN JOHNSON] 007 569359-7 Port Genset

CHEVRON DELO 400 XLE 15W40 (7 GAL)

RECOMMENDATION	
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We advise that you check the fuel injection system. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Visc @ 100°C cSt

V	VF	- /	Δ	R
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All component wear rates are normal.

CONTAMINATION

There is a moderate amount of fuel present in the oil.

FLUID CONDITION

Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.

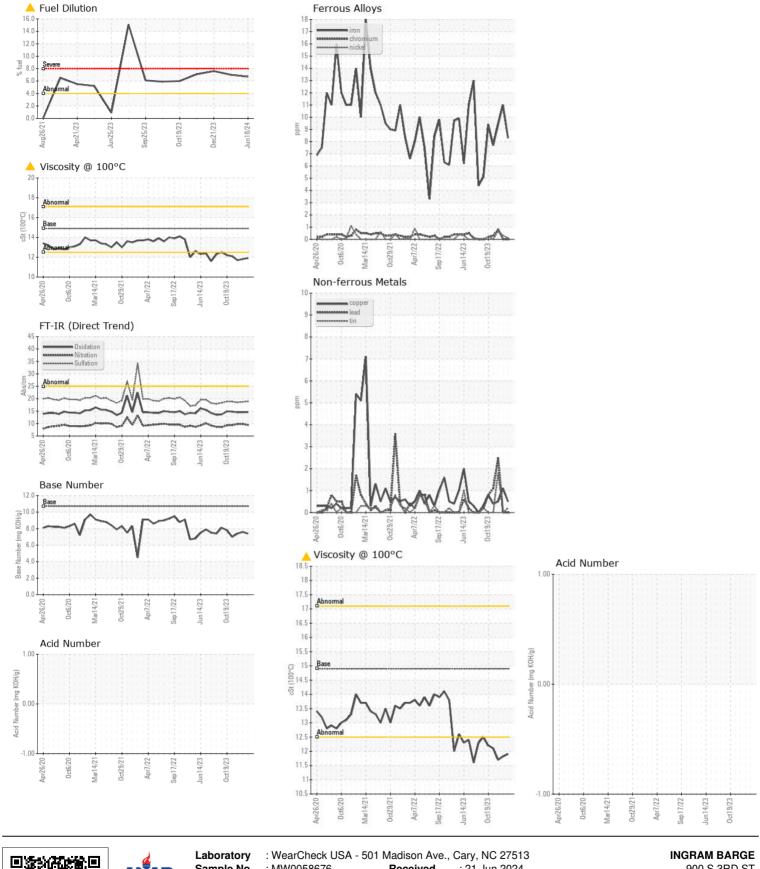
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		MW0058676	MW0064768	MW0058681
Sample Date		Client Info		18 Jun 2024	11 May 2024	21 Dec 2023
Machine Age	hrs	Client Info		13268	12876	12499
Oil Age	hrs	Client Info		348	391	447
Filter Age	hrs	Client Info		348	391	447
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>50	8	11	9
Chromium	ppm	ASTM D5185m	>4	0	0	<1
Nickel	ppm	ASTM D5185m	>2	<1	<1	<1
Titanium	ppm	ASTM D5185m		12	13	12
Silver	ppm	ASTM D5185m	>5	0	0	<1
Aluminum	ppm	ASTM D5185m	>12	2	2	2
Lead	ppm	ASTM D5185m	>17	0	0	2
Copper	ppm	ASTM D5185m	>70	<1	1	<1
Tin	ppm	ASTM D5185m	>15	<1	0	2
Vanadium	ppm	ASTM D5185m		<1	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>25	4	4	4
Potassium	ppm	ASTM D5185m	>20	4	4	4
Fuel	%	ASTM D3524	>4.0	6 .7	A 7.0	7 .6
Water		WC Method	>0.1	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	*ASTM D7844		0.3	0.3	0.2
Nitration	Abs/cm	*ASTM D7624	>20	9.4	9.8	9.8
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.9	18.7	18.5
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Sodium	nom	ASTM D5185m		3	3	3
Boron	ppm	ASTM D5185m ASTM D5185m		3 83	59	3 71
	ppm					
Barium	ppm	ASTM D5185m		0 34	0 29	0
Molybdenum	ppm	ASTM D5185m				27
Manganese	ppm	ASTM D5185m		<1 671	<1	1
Magnesium	ppm	ASTM D5185m		671	680	701
Calcium	ppm	ASTM D5185m	760	1483	1470	1518
Phosphorus	ppm	ASTM D5185m	760	763	706	736
Zinc	ppm	ASTM D5185m	830	857	799	819
Sulfur	ppm	ASTM D5185m	2770	3530	3367	3537
Oxidation	Abs/.1mm	*ASTM D7414	>25	14.6	14.6	14.5
Base Number (BN)	mg KOH/g	ASTM D2896	10.7	7.4	7.6	7.4

ASTM D445 14.9

11.82

▲ 11.7

🔺 11.9



: MW0058676 Received 900 S 3RD ST Sample No. : 21 Jun 2024 PADUCAH, KY Lab Number : 06217494 Tested : 26 Jun 2024 US 42003 Unique Number : 11090358 Diagnosed : 26 Jun 2024 - Jonathan Hester Test Package : MAR 2 (Additional Tests: PercentFuel, TAN Man) Contact: GLENN ELLIS Certificate L2367 glen.ellis@ingrambarge.com To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (270)415-4467 F: (615)695-3697 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: GLENN ELLIS - INGPAD Page 2 of 2